

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: GUNTER, Liberty L. et al.

TC/AU: 2823

Serial No. 10/532,456

Examiner: Jefferson, Q.

Filing or 371 (c) Date: April 22, 2005

Dkt No: 20030213-US

For: GaN-BASED PERMEABLE BASE TRANSISTOR AND METHOD OF  
FABRICATION

To: Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Customer No:

42716

Commissioner:

**OFFICE ACTION RESPONSE**  
**AMENDMENT**

**INTRODUCTORY COMMENTS**

In response to the Office's Non-Final Office Action dated October 4, 2006, the Applicant has timely enclosed herein: 7 pages Office Action Response. Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.

DEPOSIT ACCOUNT **190130** AUTHORIZATION – The Office is hereby authorized to charge the required fee, and any deficiency or credit any overpayment in the fees to the above deposit account, owned by BAE SYSTEMS Information and Electronic Systems Integration Inc. an authorized signator for which is Kevin M. Perkins, V.P. & Company Counsel, and for whom the undersigned are authorized agents.